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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Matthias Hessling

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EXAMINER

NGUYEN, CINDY

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/031,499	Applicant(s) HESSLING ET AL.	
	Examiner CINDY NGUYEN	Art Unit 2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 April 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-37 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-37 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 04/17/08 has been entered.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 19-37 are rejected under 35 U.S.C. 102(b) as being anticipated by DeLorme et al. (US 5848373, hereafter DeLorme).

Regarding claims 19, 30, 31, 33 and 36, DeLorme discloses: A method for at least one electronically of encoding, decoding and transmitting location information (i.e., Data conversion procedures and Geocoding procedures, see table I and II page see col. 42, lines 5 to col. 45, lines 53, DeLorme), the method comprising:

at least one of encoding, decoding and transmitting of a data packet (See col. 28, lines 33-37, DeLorme) containing location information of at least one object for a map by one an encoder, decoder and transmitter/receiver, the location information of at least one object including locating information (col. 29, lines 16-23, DeLorme), wherein the data packet separately contains the locating information (col. 28, lines 51-53, DeLorme) and the description information (see col. 29, lines 16-23, DeLorme), and includes assignment for assigning at least a part of the locating information to at least a part of the description information (see col. 31, lines 58 to col. 32, line 1, DeLorme).

Regarding claim 20, all the limitations of this claim have been noted in the rejection of claim 19 above. In addition, DeLorme disclose: wherein the locating information includes at least one first coordinate chain that includes at least one first point (see col. 28, lines 51-53, DeLorme).

Regarding claim 21, all the limitations of this claim have been noted in the rejection of claim 20 above. In addition, DeLorme discloses: wherein the at least one first coordinate chain contains a second point, the at least one first point of the at least one first coordinate chain is specified in absolute coordinates and the second point of the at least one first coordinate chain is specified in relative coordinates, with respect to one of a centroid coordinate and the at least one first point of the at least one first coordinate chain (see col. 31, lines 24-29, DeLorme).

Regarding claim 22, all the limitations of this claim have been noted in the rejection of claim 21 above. In addition, DeLorme discloses: wherein the at least one first point of the at least one first coordinate chain is interpreted in a defined direction by the second point of the at least one first coordinate chain (col. 51, lines 18-25, DeLorme).

Regarding claim 23, all the limitations of this claim have been noted in the rejection of claim 19 above. In addition, DeLorme discloses: wherein the description information includes at least one first attribute field (col. 29, lines 39-47, DeLorme).

Regarding claim 24, all the limitations of this claim have been noted in the rejection of claim 23 above. In addition, DeLorme discloses: wherein the at least one first attribute field includes a type specification and description data, and the description data is determined by the type specification with respect to at least one of a name, an accuracy, a direction, a time, a point of interest and a physical link (col. 29, lines 39-47, DeLorme).

Regarding claim 25, all the limitations of this claim have been noted in the rejection of claim 23 above. In addition, DeLorme discloses: wherein the assignment information includes at least one first assignment entry and the at least one first attribute field and the at least one first point of the at least one first coordinate chain are assigned to each other by the at least one first assignment entry (col. 32, lines 20-31, DeLorme).

Regarding claim 26, all the limitations of this claim have been noted in the rejection of claim 25 above. In addition, DeLorme discloses: wherein the at least one first assignment entry includes a reference to the at least one first attribute field and a reference to the at least one first point of the at least one first coordinate chain (col. 33, lines 53-65, DeLorme).

Regarding claim 27, all the limitations of this claim have been noted in the rejection of claim 25 above. In addition, DeLorme discloses: wherein the at least one first assignment entry includes one of (i) a reference to the at least one first attribute field and a reference to a plurality of points of coordinate chains of the locating information, and (ii) a reference to a plurality of attribute fields and a reference to the at least one first point of the at least one first coordinate chain (col. 29, lines 54 to col. 30, line 2, DeLorme).

Regarding claim 28, all the limitations of this claim have been noted in the rejection of claim 19 above. In addition, Foust discloses: wherein the data packet includes a header part of the location information (see col.28, lines 41-44, DeLorme) and a data part of the location information (col. 28, lines 50-53, DeLorme).

Regarding claim 29, all the limitations of this claim have been noted in the rejection of claim 28 above. In addition, Foust discloses: wherein the header part includes structure information specifying a data structure of the location information (see col. 28, lines 38-46, DeLorme), and includes interpreting instructions specifying a purpose of the location information (i.e., the CAMLS software for the assignment of a specific location to a particular digital object selected by the user for location assignment...see col. 44, lines 19-25, DeLorme).

Regarding claim 32, all the limitations of this claim have been noted in the rejection of claims 31 and 20 above. In addition, DeLorme discloses: wherein a definition of the at least one first point of the at least one first coordinate chain is definable as a function of location information query (col. 30, lines 3-12, DeLorme).

Regarding claim 34, all the limitations of this claim have been noted in the rejection of claim 33 above. In addition, DeLorme discloses: wherein the location information is at least partially correlatable with data of a first database associated with the decoding device (col. 30, lines 3-4, DeLorme).

Regarding claim 35, all the limitations of this claim have been noted in the rejection of claim 34 above. In addition, DeLorme discloses: wherein at least one of location information that is not contained in the first database and location information is not correlated with data of the first database is stored in a second database associated with the decoding device (col. 33, lines 47-61, DeLorme)

Regarding claim 37, all the limitations of this claim have been noted in the rejection of claim 20 above. In addition, DeLorme discloses: wherein the at least one first point includes a geographical point (col. 33, lines 52-54, DeLorme)

Contact information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cindy Nguyen whose telephone number is 571-272-4025. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Apu Mofiz can be reached on 571-272-4080. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Cindy Nguyen

/C. N./

Examiner, Art Unit 2161

/Apu M Mofiz/

Supervisory Patent Examiner, Art Unit 2161